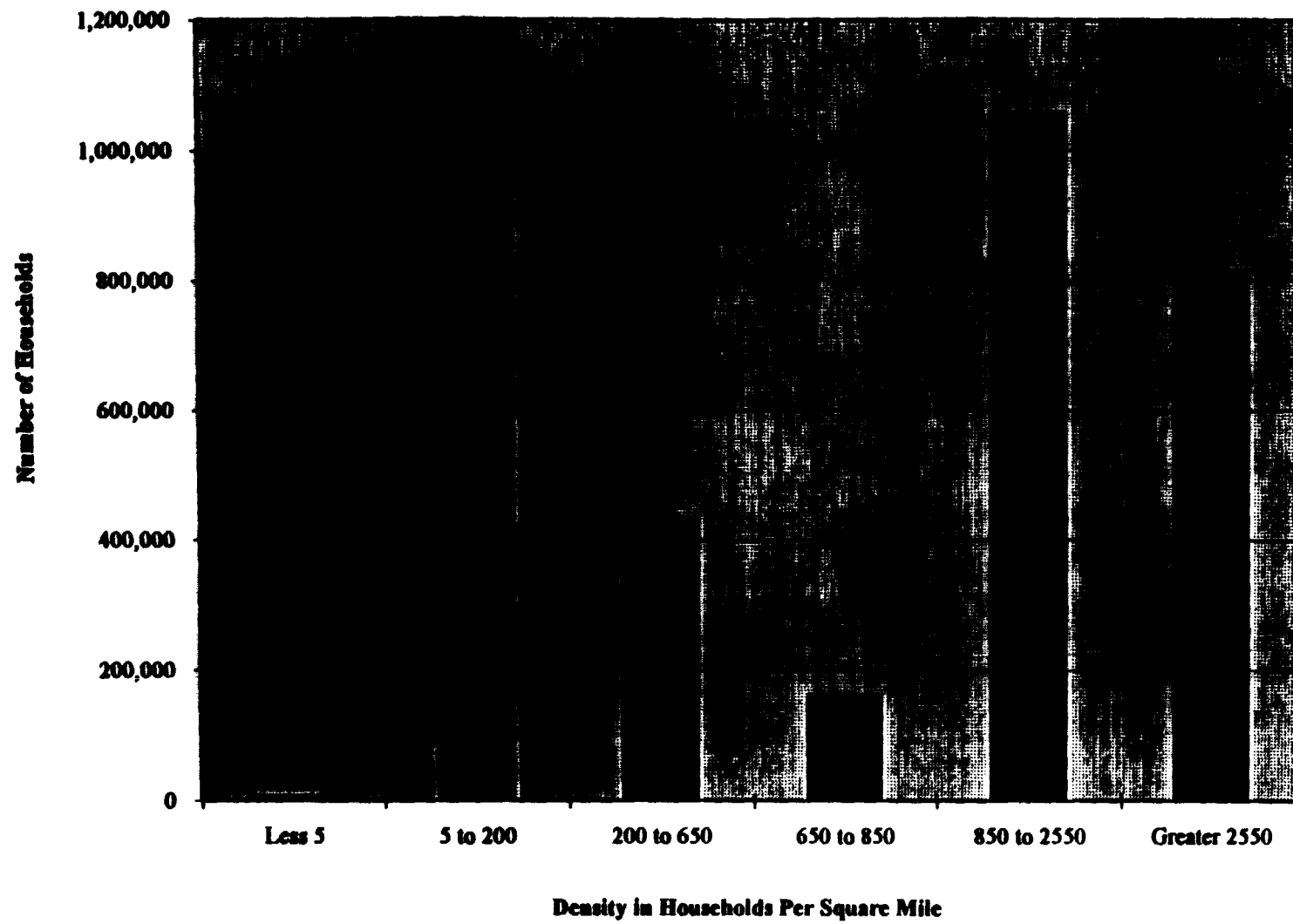
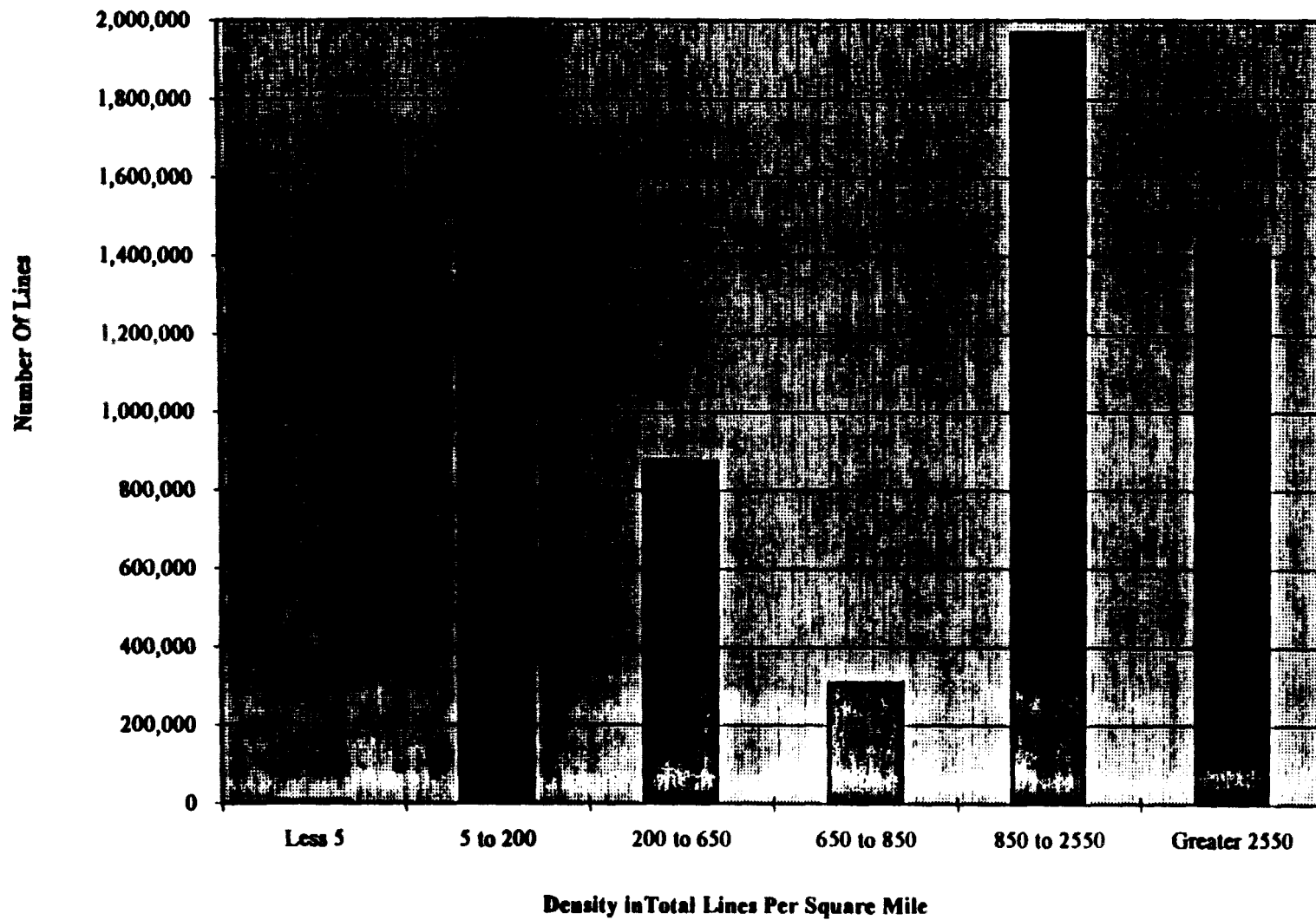


### Michigan Household Distribution By Density Group



# Michigan Total Lines Distribution By Density Group



Aggregate Support	ARMIS
At \$20 = \$	329,231,644
At \$30 = \$	192,788,703
At \$40 = \$	125,519,736
At \$50 = \$	79,805,556
At \$60 = \$	46,192,171
At \$70 = \$	25,344,728
At \$80 = \$	12,843,115
Annual Benchmark Cost = \$	1,120,646,849
State Average Monthly Cost = \$	32.83

Density	Households	Lines
Less 5	10,171	13,497
5 to 200	559,260	829,146
200 to 650	202,637	389,298
650 to 850	87,625	178,017
850 to 2550	486,039	856,876
Greater 2550	303,093	578,146
Total	1,648,825	2,844,981

Cost Category	ARMIS Households
\$0<=\$ 5	-
\$5<=\$10	-
\$10<=\$15	8,737
\$15<=\$20	145,073
\$20<=\$25	370,893
\$25<=\$30	349,880
\$30<=\$35	238,655
\$35<=\$40	99,095
\$40<=\$45	59,458
\$45<=\$50	38,747
\$50<=\$55	59,403
\$55<=\$60	55,583
\$60<=\$65	52,690
\$65<=\$70	36,993
\$70<=\$75	29,177
\$75<=\$100	86,225
\$100<=\$150	17,576
\$150<=\$200	510
\$200<=\$250	49
\$250<=\$300	3
\$300<=\$500	78
\$500<=\$1000	-
\$1000+	-
Total Households	1,648,825

Loop Category	Households
0 <= 5K $\lambda$	176,863
5K $\lambda$ <= 10K $\lambda$	405,070
10K $\lambda$ <= 15K $\lambda$	348,254
15K $\lambda$ <= 20K $\lambda$	214,732
20K $\lambda$ <= 25K $\lambda$	122,202
25K $\lambda$ <= 30K $\lambda$	91,439
30K $\lambda$ <= 40K $\lambda$	137,178
40K $\lambda$ <= 50K $\lambda$	88,459
50K $\lambda$ <= 60K $\lambda$	36,104
60K $\lambda$ <= 70K $\lambda$	16,229
70K $\lambda$ <= 80K $\lambda$	7,237
80K $\lambda$ <= 90K $\lambda$	2,533
90K $\lambda$ <= 100K $\lambda$	774
100K $\lambda$ <= 150K $\lambda$	1,749
150K $\lambda$ <= 200K $\lambda$	-
200K $\lambda$ +	-

Loop Information	Length
Minimum Loop Length	1,171
Maximum Loop Length	140,266
Average Loop Length	16,323

Maximum Monthly Cost	\$305.13
Average Monthly Cost	\$32.83
Lines Above \$10K Loop Inv	164

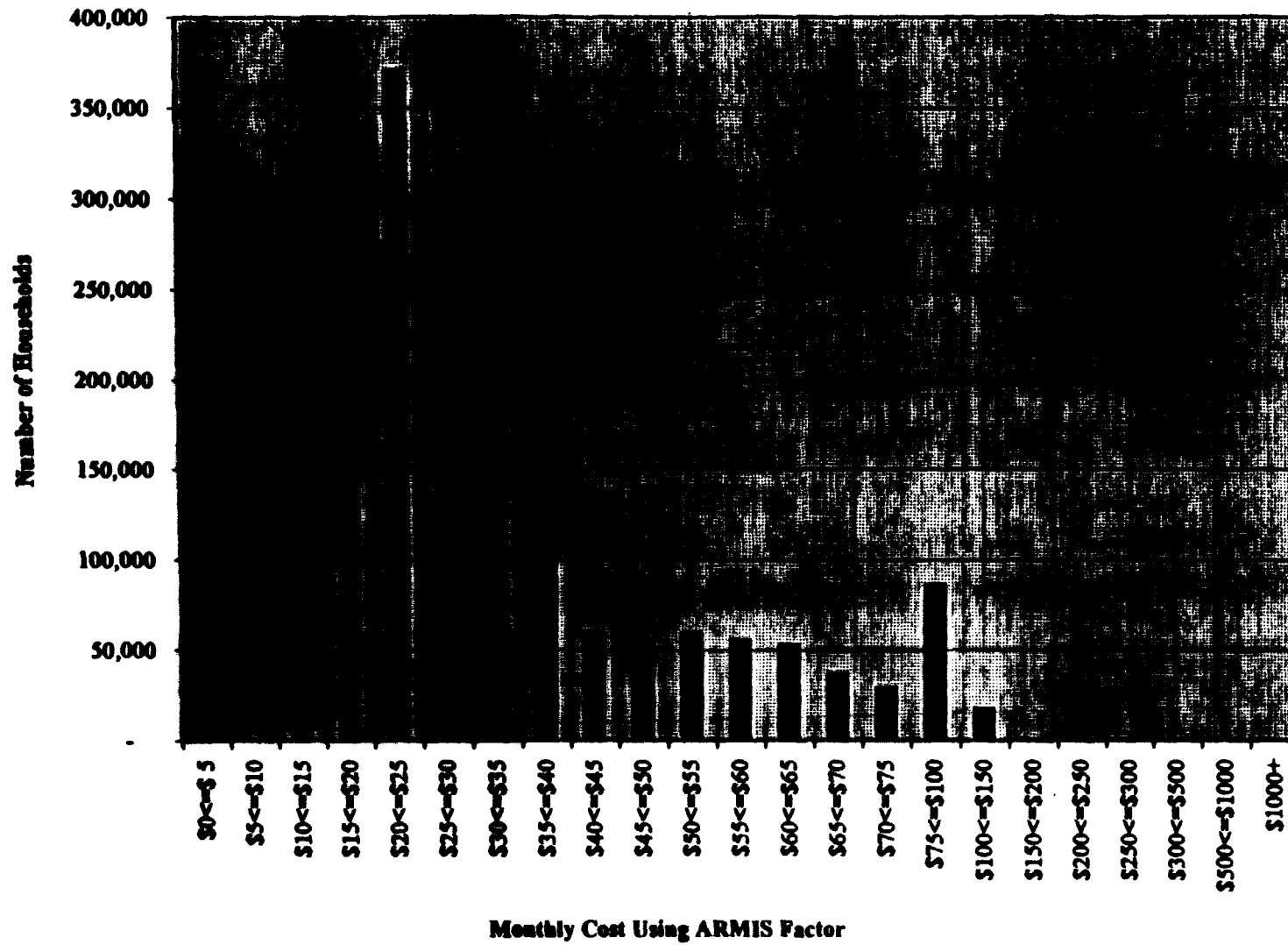
State: Minnesota

Date: 7/1/96

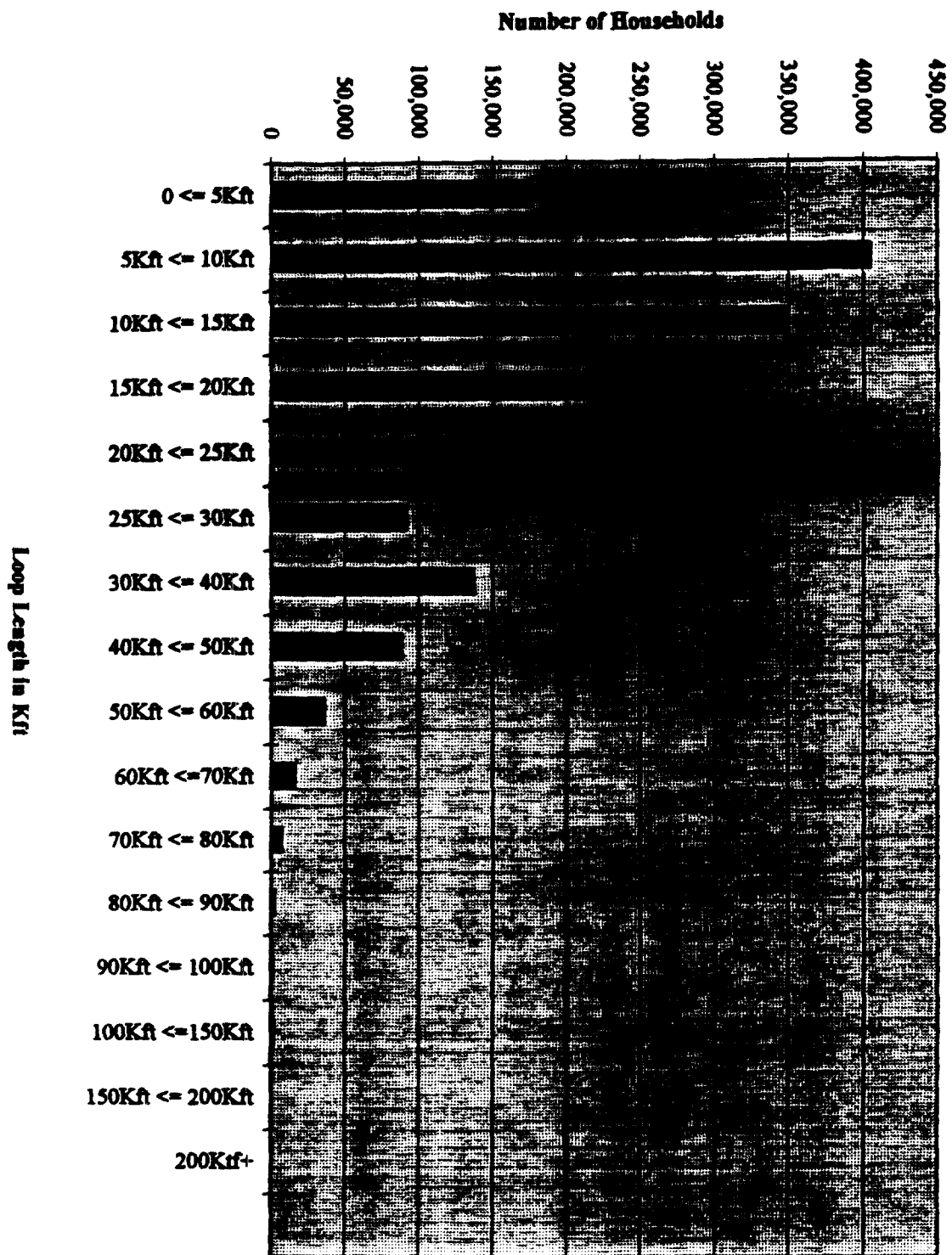
Time: 2:29:06 PM

Density	Summary Results	Weighted
Less 5	Sum of # Households	10,171
	Sum of # Lines	13,497
	Average of Loop Length	64,333
	Average of Loop \$ per Line	\$4,406
	Average of Total Invstmnt \$/Ln	\$4,930
	Average of Monthly Cost1	\$105.77
5 to 200	Sum of # Households	559,260
	Sum of # Lines	829,146
	Average of Loop Length	28,799
	Average of Loop \$ per Line	\$2,038
	Average of Total Invstmnt \$/Ln	\$2,262
	Average of Monthly Cost1	\$53.07
200 to 650	Sum of # Households	202,637
	Sum of # Lines	389,298
	Average of Loop Length	13,915
	Average of Loop \$ per Line	\$768
	Average of Total Invstmnt \$/Ln	\$894
	Average of Monthly Cost1	\$26.16
650 to 850	Sum of # Households	87,625
	Sum of # Lines	178,017
	Average of Loop Length	14,493
	Average of Loop \$ per Line	\$738
	Average of Total Invstmnt \$/Ln	\$849
	Average of Monthly Cost1	\$25.22
850 to 2550	Sum of # Households	486,039
	Sum of # Lines	856,876
	Average of Loop Length	11,077
	Average of Loop \$ per Line	\$683
	Average of Total Invstmnt \$/Ln	\$792
	Average of Monthly Cost1	\$24.06
Greater 2550	Sum of # Households	303,093
	Sum of # Lines	578,146
	Average of Loop Length	7,268
	Average of Loop \$ per Line	\$583
	Average of Total Invstmnt \$/Ln	\$685
	Average of Monthly Cost1	\$21.91

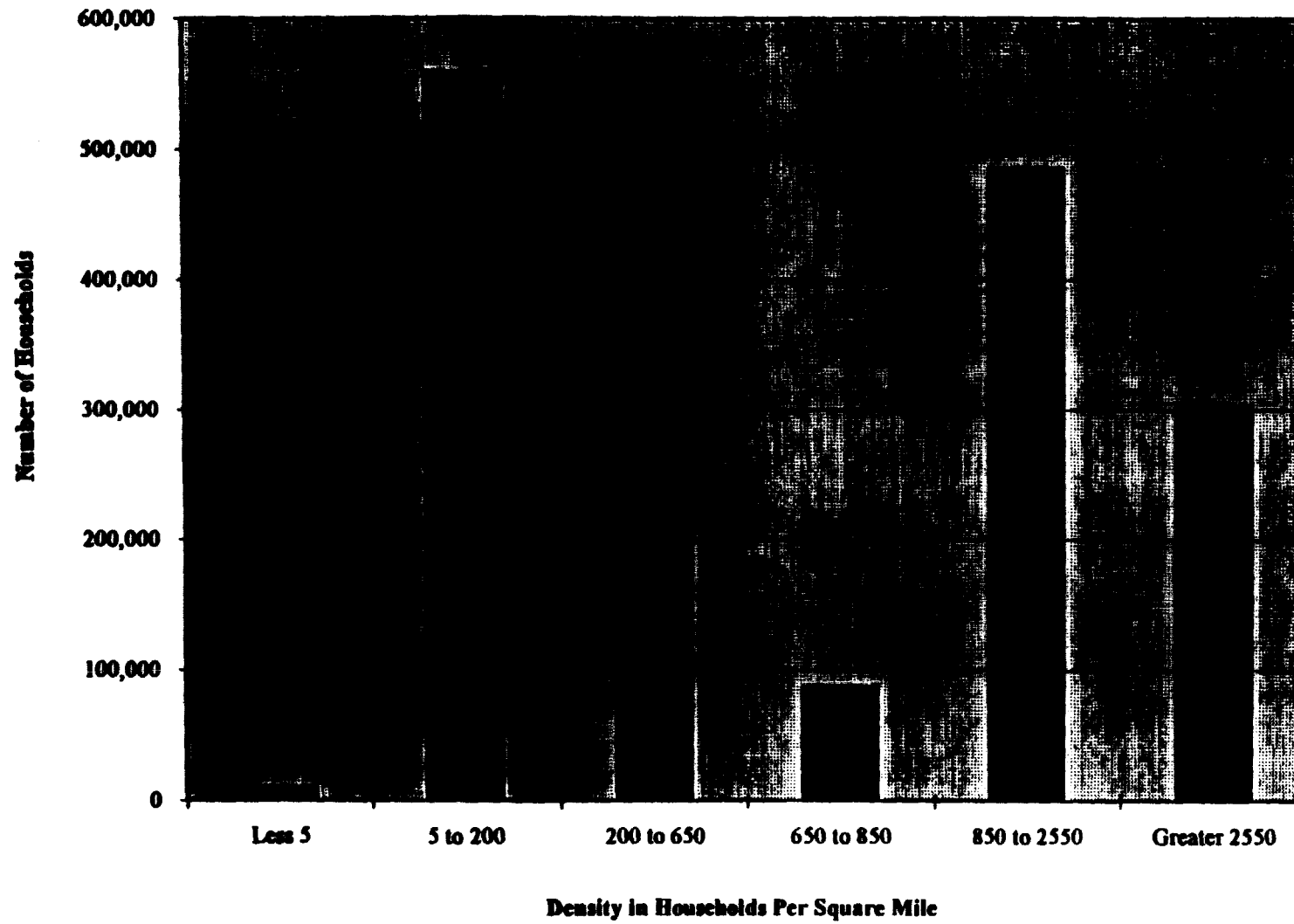
# Minnesota Household Distribution By Residential Service Monthly Cost



Minnesota Household Distribution By Loop Length

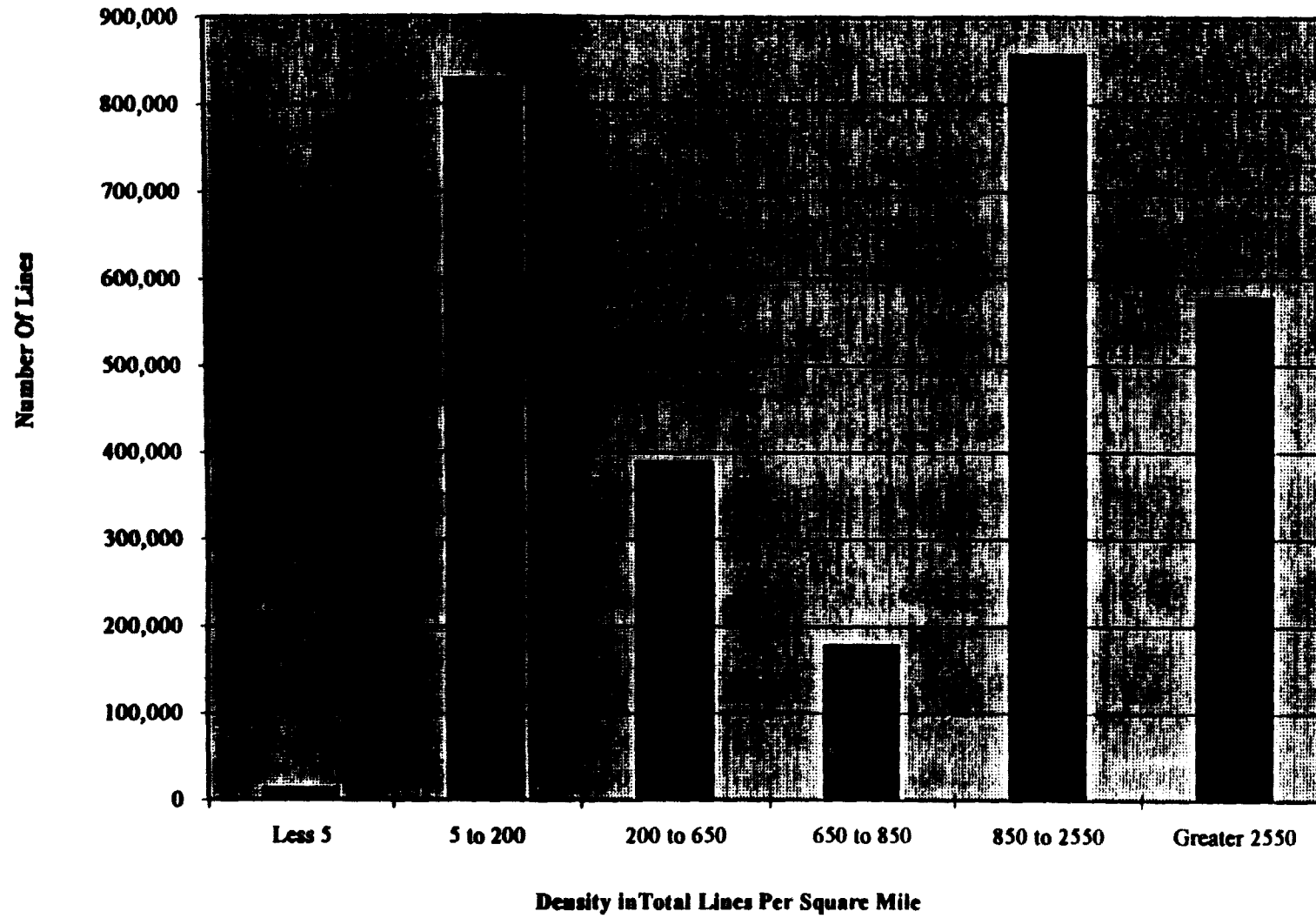


**Minnesota Household Distribution By Density Group**





# Minnesota Total Lines Distribution By Density Group



# Benchmark Cost Model 2 Results

State: Mississippi

Date: 7/1/96  
Time: 2:29:12 PM

Aggregate Support	ARMIS
At \$20 = \$	253,971,684
At \$30 = \$	157,912,837
At \$40 = \$	92,713,774
At \$50 = \$	46,046,088
At \$60 = \$	17,333,751
At \$70 = \$	6,322,507
At \$80 = \$	2,544,715
Annual Benchmark Cost = \$	687,234,795
State Average Monthly Cost= \$	39.91

Density	Households	Lines
Less 5	1,895	2,542
5 to 200	518,488	742,257
200 to 650	158,698	268,739
650 to 850	38,472	69,144
850 to 2550	167,560	293,622
Greater 2550	25,461	58,492
Total	910,574	1,434,797

Cost Category	ARMIS Households
\$0<=\$ 5	-
\$5<=\$10	-
\$10<=\$15	826
\$15<=\$20	19,125
\$20<=\$25	81,910
\$25<=\$30	138,007
\$30<=\$35	142,454
\$35<=\$40	81,257
\$40<=\$45	53,957
\$45<=\$50	67,017
\$50<=\$55	87,549
\$55<=\$60	87,318
\$60<=\$65	65,537
\$65<=\$70	34,108
\$70<=\$75	24,033
\$75<=\$100	23,413
\$100<=\$150	3,961
\$150<=\$200	91
\$200<=\$250	11
\$250<=\$300	-
\$300<=\$500	-
\$500<=\$1000	-
\$1000+	-
Total Households	910,574

Loop Category	Households
0 <= 5Kft	32,816
5Kft <= 10Kft	143,488
10Kft <= 15Kft	131,308
15Kft <= 20Kft	89,624
20Kft <= 25Kft	74,800
25Kft <= 30Kft	60,347
30Kft <= 40Kft	123,861
40Kft <= 50Kft	92,152
50Kft <= 60Kft	69,020
60Kft <= 70Kft	38,156
70Kft <= 80Kft	21,729
80Kft <= 90Kft	15,266
90Kft <= 100Kft	11,805
100Kft <= 150Kft	7,002
150Kft <= 200Kft	-
200Kft+	-

Loop Information	Length
Minimum Loop Length	1,490
Maximum Loop Length	114,981
Average Loop Length	27,541

Maximum Monthly Cost	\$206.57
Average Monthly Cost	\$39.91
Lines Above \$10K Loop Inv	13

# Benchmark Cost Model 2 Results

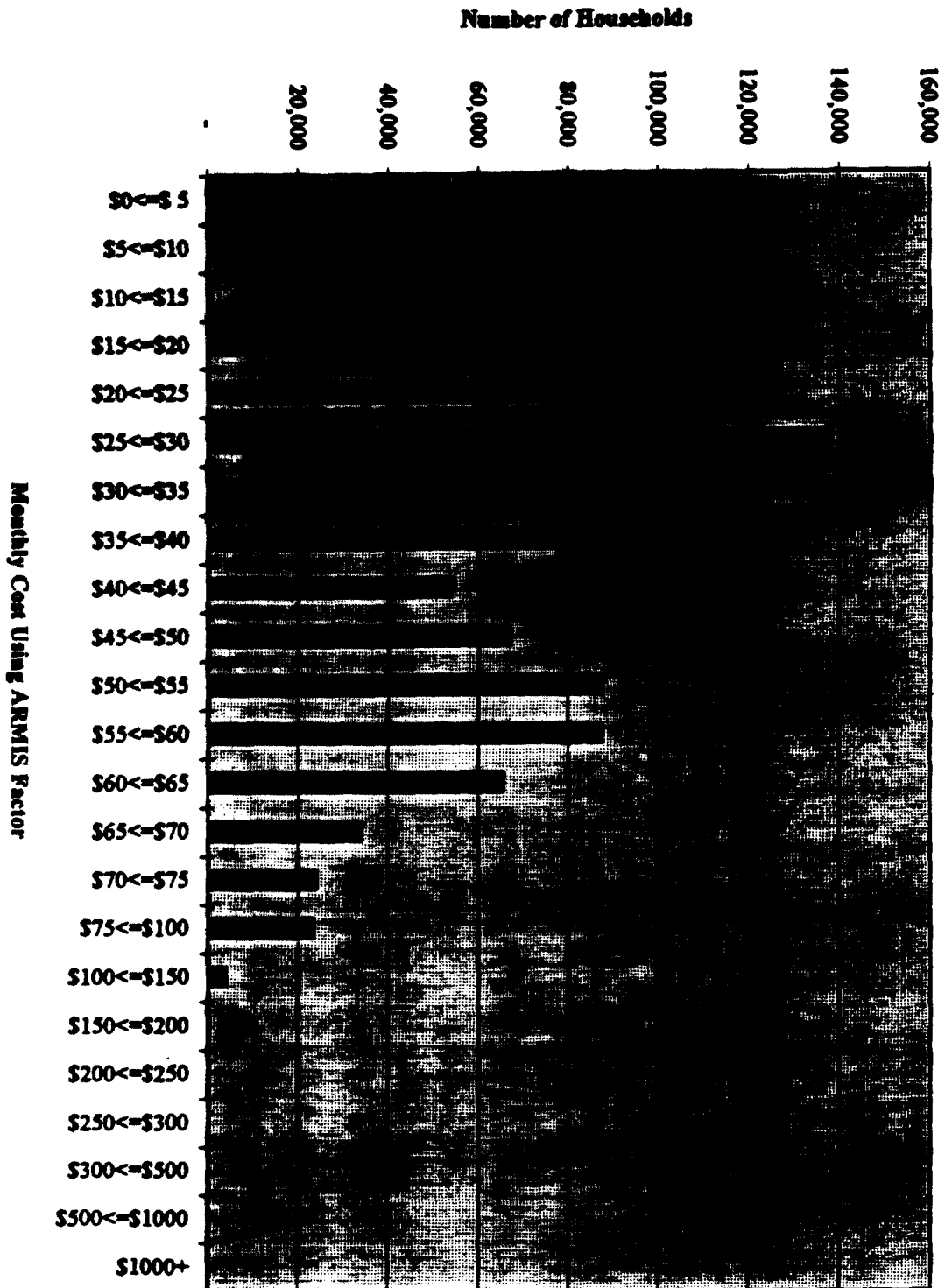
State: Mississippi

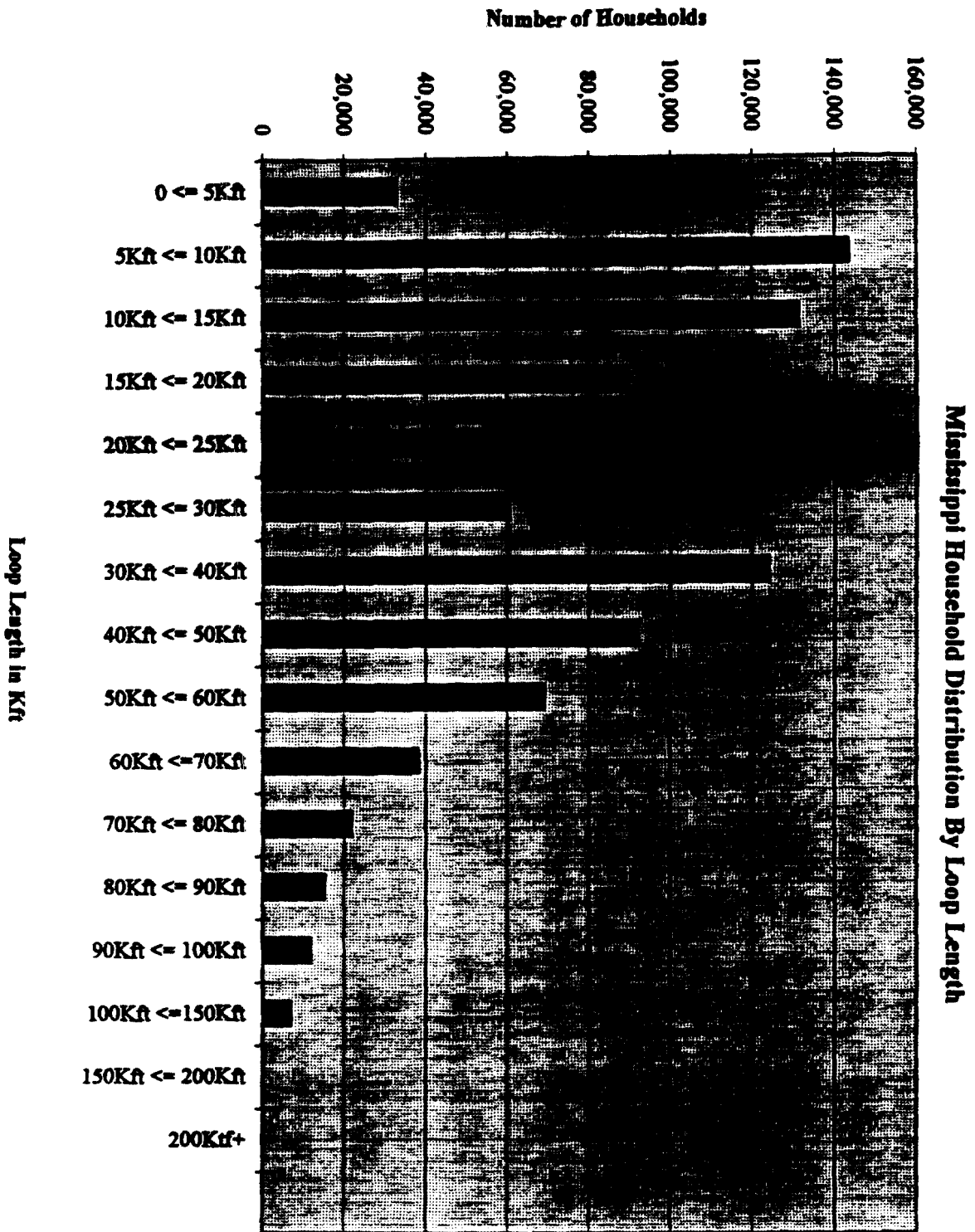
Date: 7/1/96

Time: 2:29:12 PM

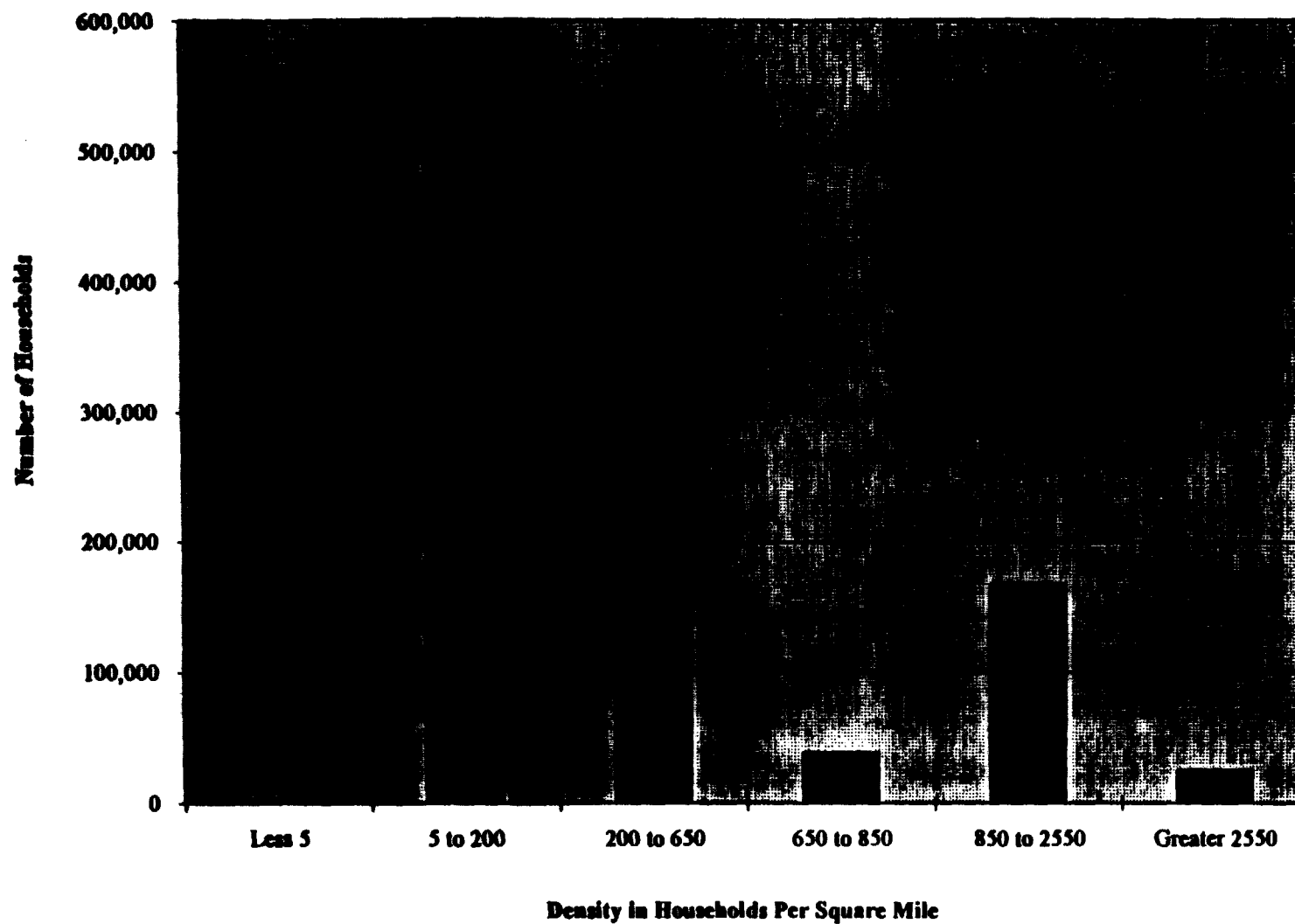
Density	Summary Results	Weighted
Less 5	Sum of # Households	1,895
	Sum of # Lines	2,542
	Average of Loop Length	59,895
	Average of Loop \$ per Line	\$4,292
	Average of Total Invstmnt \$/Ln	\$4,571
	Average of Monthly Cost1	\$98.28
5 to 200	Sum of # Households	518,488
	Sum of # Lines	742,257
	Average of Loop Length	38,798
	Average of Loop \$ per Line	\$2,031
	Average of Total Invstmnt \$/Ln	\$2,186
	Average of Monthly Cost1	\$51.46
200 to 650	Sum of # Households	158,698
	Sum of # Lines	268,739
	Average of Loop Length	17,063
	Average of Loop \$ per Line	\$911
	Average of Total Invstmnt \$/Ln	\$1,039
	Average of Monthly Cost1	\$28.99
650 to 850	Sum of # Households	38,472
	Sum of # Lines	69,144
	Average of Loop Length	11,624
	Average of Loop \$ per Line	\$831
	Average of Total Invstmnt \$/Ln	\$948
	Average of Monthly Cost1	\$27.11
850 to 2550	Sum of # Households	167,560
	Sum of # Lines	293,622
	Average of Loop Length	15,273
	Average of Loop \$ per Line	\$799
	Average of Total Invstmnt \$/Ln	\$913
	Average of Monthly Cost1	\$26.42
Greater 2550	Sum of # Households	25,461
	Sum of # Lines	58,492
	Average of Loop Length	11,818
	Average of Loop \$ per Line	\$678
	Average of Total Invstmnt \$/Ln	\$786
	Average of Monthly Cost1	\$23.91

Mississippi Household Distribution By Residential Service Monthly Cost

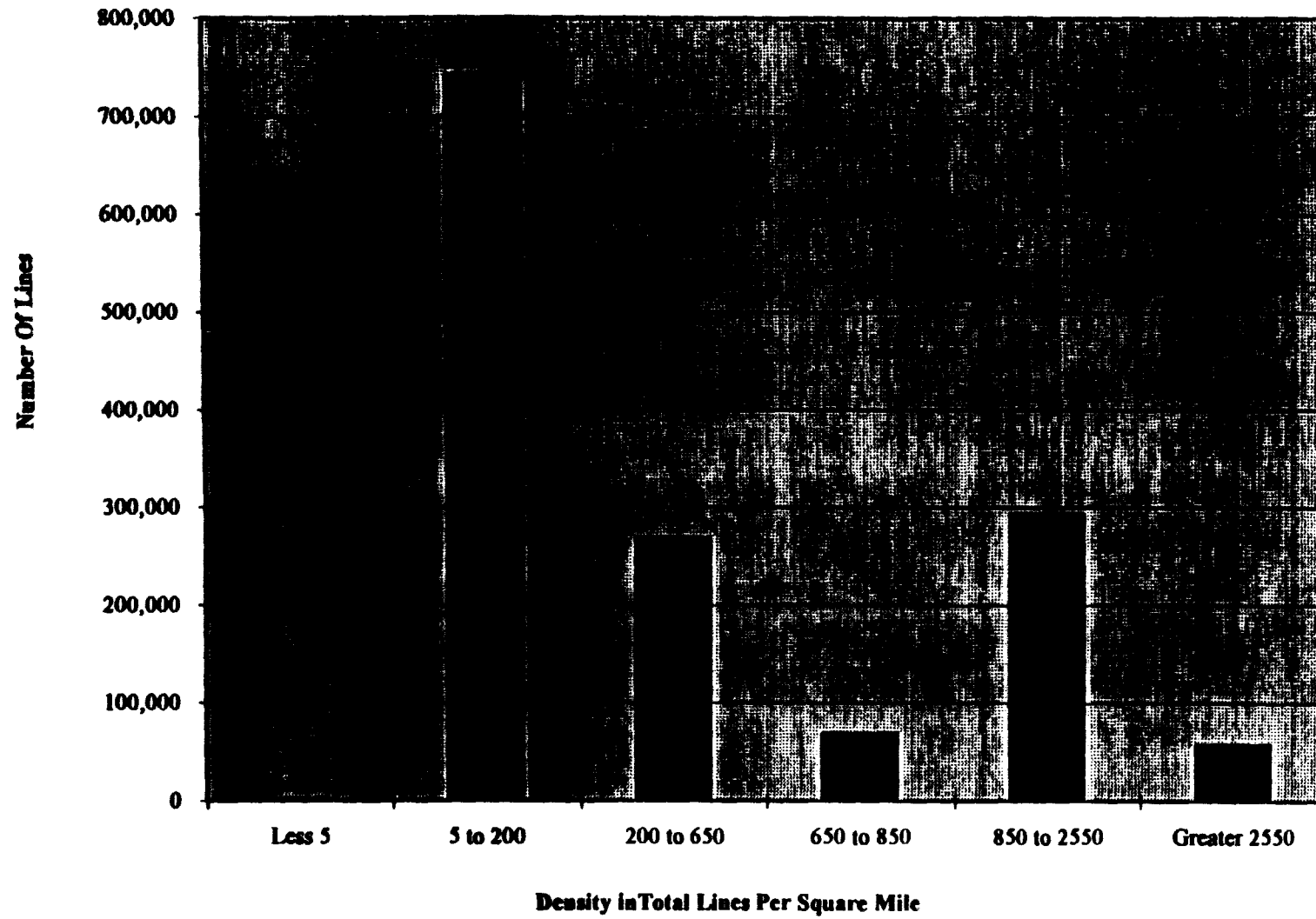




# Mississippi Household Distribution By Density Group



# Mississippi Total Lines Distribution By Density Group



State: Missouri

Date: 7/1/96

Time: 2:29:09 PM

Aggregate Support	ARMIS
At \$20 = \$	423,818,112
At \$30 = \$	256,866,844
At \$40 = \$	175,081,443
At \$50 = \$	116,475,901
At \$60 = \$	73,473,993
At \$70 = \$	44,864,749
At \$80 = \$	25,139,202
Annual Benchmark Cost = \$	1,346,090,599
State Average Monthly Cost = \$	34.17

Density	Households	Lines
Less 5	1,592	1,995
5 to 200	669,974	979,589
200 to 650	293,300	528,986
650 to 850	81,617	152,003
850 to 2550	609,975	1,055,617
Greater 2550	304,906	564,296
Total	1,961,364	3,282,484

Cost Category	ARMIS Households
\$0<=\$ 5	-
\$5<=\$10	-
\$10<=\$15	6,790
\$15<=\$20	136,874
\$20<=\$25	404,761
\$25<=\$30	485,522
\$30<=\$35	275,410
\$35<=\$40	100,865
\$40<=\$45	62,868
\$45<=\$50	62,511
\$50<=\$55	65,214
\$55<=\$60	75,441
\$60<=\$65	48,444
\$65<=\$70	35,551
\$70<=\$75	37,103
\$75<=\$100	126,764
\$100<=\$150	35,753
\$150<=\$200	1,493
\$200<=\$250	-
\$250<=\$300	-
\$300<=\$500	-
\$500<=\$1000	-
\$1000+	-
Total Households	1,961,364

Loop Category	Households
0 <= 5KHz	154,041
5KHz <= 10KHz	454,840
10KHz <= 15KHz	451,652
15KHz <= 20KHz	285,593
20KHz <= 25KHz	163,018
25KHz <= 30KHz	134,863
30KHz <= 40KHz	156,079
40KHz <= 50KHz	98,565
50KHz <= 60KHz	47,788
60KHz <= 70KHz	14,818
70KHz <= 80KHz	8,663
80KHz <= 90KHz	1,368
90KHz <= 100KHz	276
100KHz <= 150KHz	-
150KHz <= 200KHz	-
200KHz+	-

Loop Information	Length
Minimum Loop Length	1,173
Maximum Loop Length	91,616
Average Loop Length	16,778

Maximum Monthly Cost	\$188.85
Average Monthly Cost	\$34.17
Lines Above \$10K Loop Inv	0



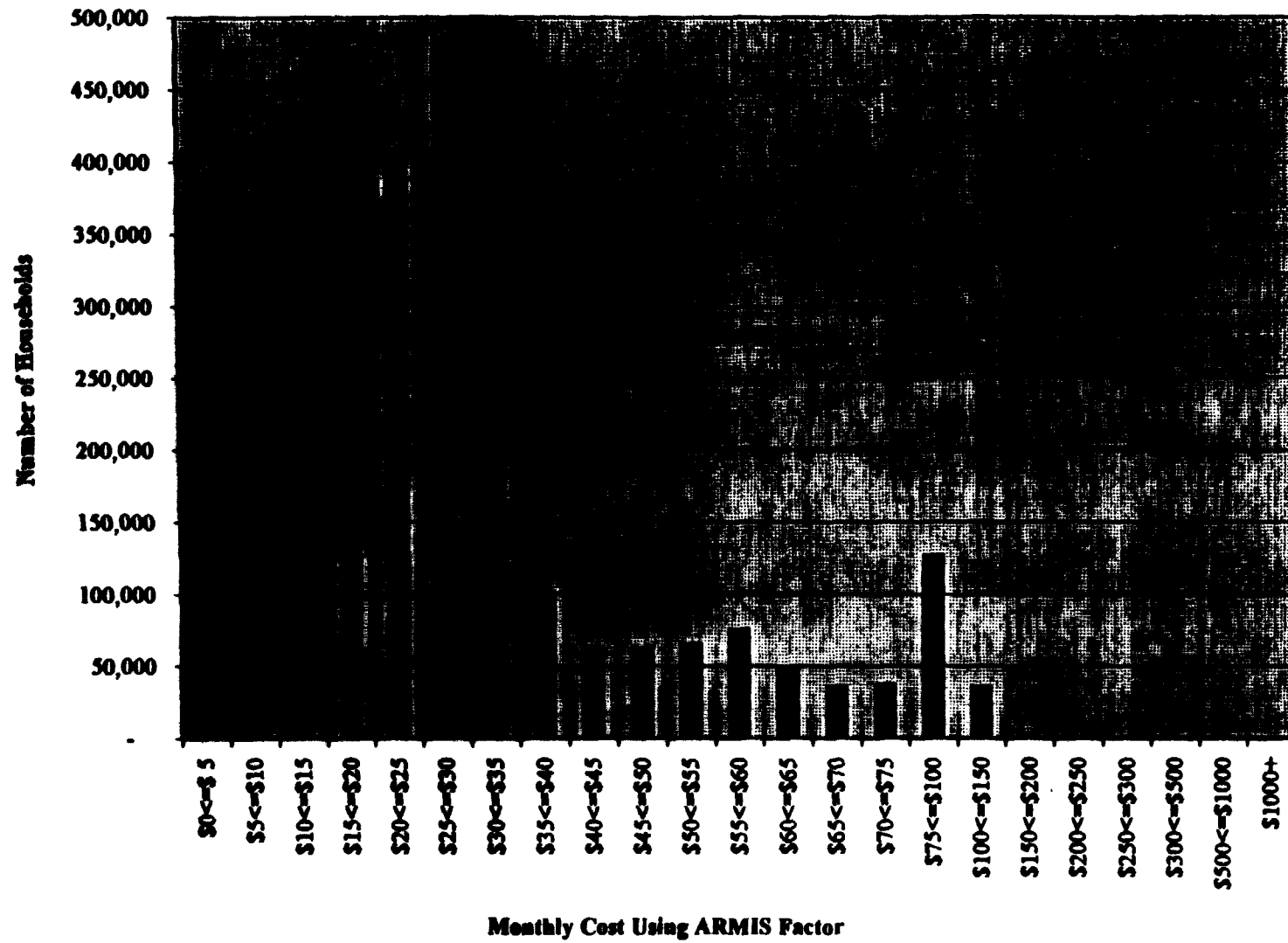
State: Missouri

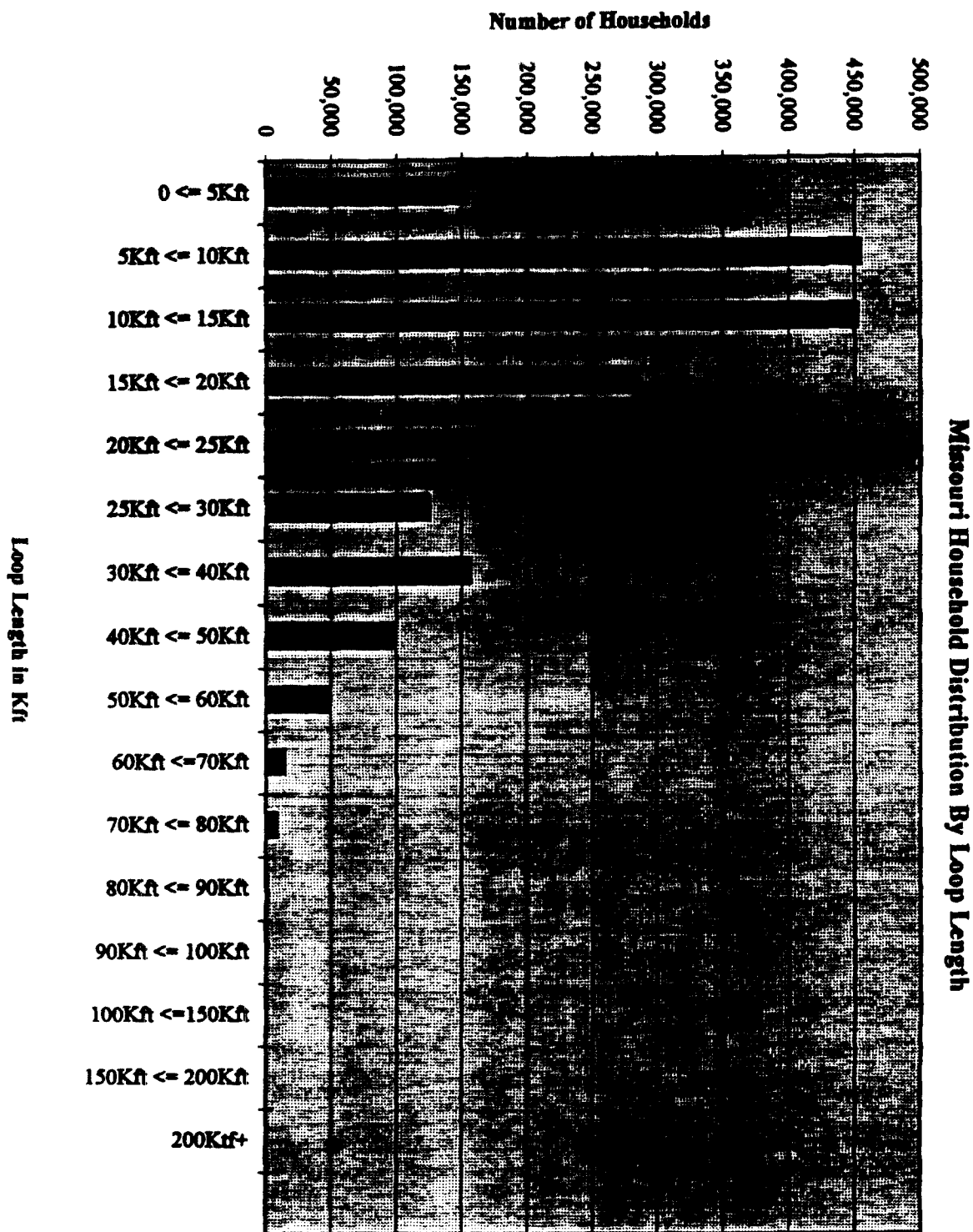
Date: 7/1/96

Time: 2:29:09 PM

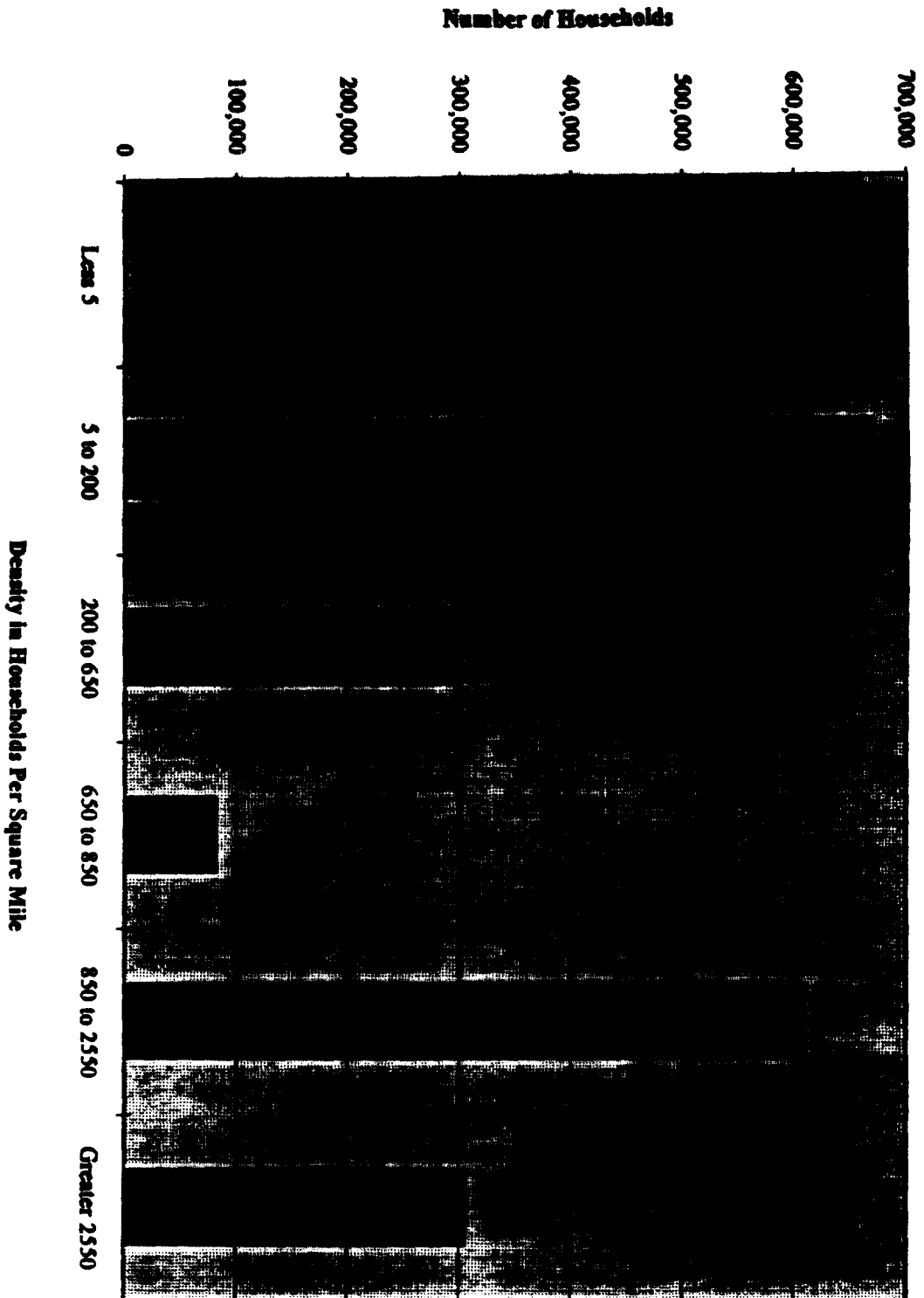
Density	Summary Results	Weighted
Less 5	Sum of # Households	1,592
	Sum of # Lines	1,995
	Average of Loop Length	\$4,511
	Average of Loop \$ per Line	\$5,041
	Average of Total Invstmnt \$/Ln	\$5,476
	Average of Monthly Cost1	\$116.16
5 to 200	Sum of # Households	669,974
	Sum of # Lines	979,589
	Average of Loop Length	29,246
	Average of Loop \$ per Line	\$2,214
	Average of Total Invstmnt \$/Ln	\$2,445
	Average of Monthly Cost1	\$56.63
200 to 650	Sum of # Households	293,300
	Sum of # Lines	528,986
	Average of Loop Length	15,355
	Average of Loop \$ per Line	\$843
	Average of Total Invstmnt \$/Ln	\$966
	Average of Monthly Cost1	\$27.35
650 to 850	Sum of # Households	81,617
	Sum of # Lines	152,003
	Average of Loop Length	12,750
	Average of Loop \$ per Line	\$771
	Average of Total Invstmnt \$/Ln	\$882
	Average of Monthly Cost1	\$25.84
850 to 2550	Sum of # Households	609,975
	Sum of # Lines	1,055,617
	Average of Loop Length	10,871
	Average of Loop \$ per Line	\$685
	Average of Total Invstmnt \$/Ln	\$790
	Average of Monthly Cost1	\$24.02
Greater 2550	Sum of # Households	304,906
	Sum of # Lines	564,296
	Average of Loop Length	8,467
	Average of Loop \$ per Line	\$610
	Average of Total Invstmnt \$/Ln	\$708
	Average of Monthly Cost1	\$22.36

# Missouri Household Distribution By Residential Service Monthly Cost

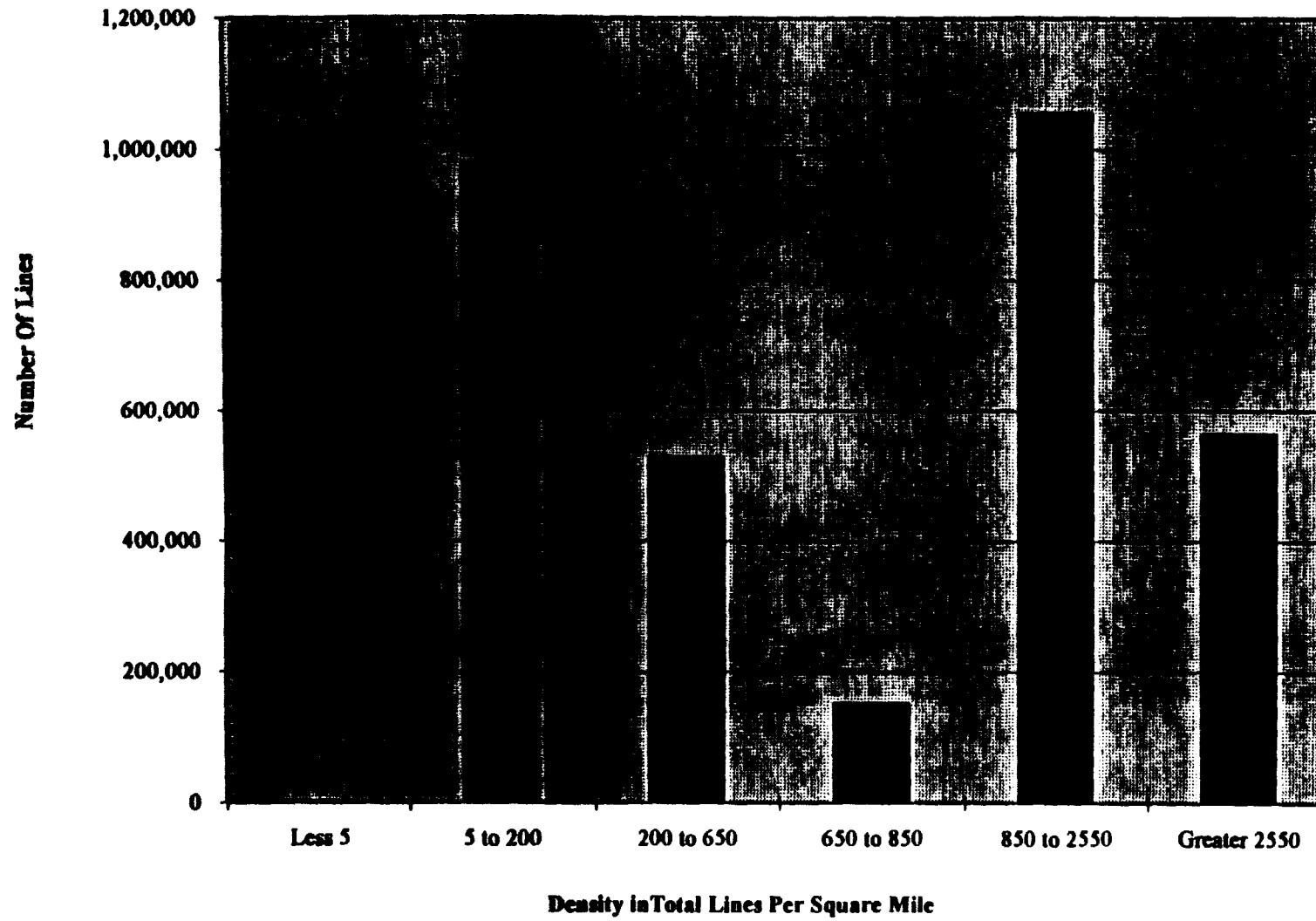




# Missouri Household Distribution By Density Group



# Missouri Total Lines Distribution By Density Group



**Benchmark Cost Mode 2 Results**

**State: Montana**

**Date: 7/1/96**

**Time: 2:29:15 PM**

<b>Aggregate Support</b>	<b>ARMIS</b>
At \$20 = \$	99,429,576
At \$30 = \$	72,177,347
At \$40 = \$	55,338,182
At \$50 = \$	42,500,591
At \$60 = \$	32,857,042
At \$70 = \$	25,559,045
At \$80 = \$	19,795,900
<b>Annual Benchmark Cost = \$</b>	<b>261,691,352</b>
<b>State Average Monthly Cost= \$</b>	<b>42.92</b>

<b>Density</b>	<b>Households</b>	<b>Lines</b>
Less 5	38,988	56,934
5 to 200	108,260	165,656
200 to 650	38,671	64,386
650 to 850	11,233	21,474
850 to 2550	80,766	142,455
Greater 2550	29,001	57,227
<b>Total</b>	<b>306,919</b>	<b>508,131</b>

<b>Cost Category</b>	<b>ARMIS Households</b>
\$0<=\$ 5	-
\$5<=\$10	-
\$10<=\$15	267
\$15<=\$20	20,757
\$20<=\$25	62,380
\$25<=\$30	47,130
\$30<=\$35	40,966
\$35<=\$40	17,835
\$40<=\$45	9,848
\$45<=\$50	14,228
\$50<=\$55	14,268
\$55<=\$60	10,514
\$60<=\$65	7,919
\$65<=\$70	7,300
\$70<=\$75	6,370
\$75<=\$100	20,820
\$100<=\$150	18,164
\$150<=\$200	6,621
\$200<=\$250	1,425
\$250<=\$300	53
\$300<=\$500	54
\$500<=\$1000	-
\$1000+	-
<b>Total Households</b>	<b>306,919</b>

<b>Loop Category</b>	<b>Households</b>
0 <= 5Kft	34,657
5Kft <= 10Kft	69,839
10Kft <= 15Kft	51,380
15Kft <= 20Kft	32,987
20Kft <= 25Kft	20,635
25Kft <= 30Kft	13,031
30Kft <= 40Kft	21,436
40Kft <= 50Kft	14,945
50Kft <= 60Kft	9,929
60Kft <= 70Kft	12,168
70Kft <= 80Kft	8,471
80Kft <= 90Kft	3,801
90Kft <= 100Kft	4,473
100Kft <= 150Kft	7,124
150Kft <= 200Kft	1,817
200Kft+	226

<b>Loop Information</b>	<b>Length</b>
Minimum Loop Length	1,544
Maximum Loop Length	240,353
Average Loop Length	24,043

<b>Maximum Monthly Cost</b>	<b>\$321.29</b>
<b>Average Monthly Cost</b>	<b>\$42.92</b>
<b>Lines Above \$10K Loop Inv</b>	<b>1,010</b>

State: Montana

Date: 7/1/96

Time: 2:29:15 PM

Density	Summary Results	Weighted
Less 5	Sum of # Households	38,988
	Sum of # Lines	56,934
	Average of Loop Length	77,375
	Average of Loop \$ per Line	\$4,804
	Average of Total Invstmnt \$/Ln	\$5,288
	Average of Monthly Cost1	\$112.78
5 to 200	Sum of # Households	108,260
	Sum of # Lines	165,656
	Average of Loop Length	30,439
	Average of Loop \$ per Line	\$1,932
	Average of Total Invstmnt \$/Ln	\$2,145
	Average of Monthly Cost1	\$50.79
200 to 650	Sum of # Households	38,671
	Sum of # Lines	64,386
	Average of Loop Length	12,971
	Average of Loop \$ per Line	\$834
	Average of Total Invstmnt \$/Ln	\$983
	Average of Monthly Cost1	\$27.93
650 to 850	Sum of # Households	11,233
	Sum of # Lines	21,474
	Average of Loop Length	8,983
	Average of Loop \$ per Line	\$690
	Average of Total Invstmnt \$/Ln	\$812
	Average of Monthly Cost1	\$24.44
850 to 2550	Sum of # Households	80,766
	Sum of # Lines	142,455
	Average of Loop Length	9,764
	Average of Loop \$ per Line	\$663
	Average of Total Invstmnt \$/Ln	\$783
	Average of Monthly Cost1	\$23.91
Greater 2550	Sum of # Households	29,001
	Sum of # Lines	57,227
	Average of Loop Length	6,127
	Average of Loop \$ per Line	\$566
	Average of Total Invstmnt \$/Ln	\$678
	Average of Monthly Cost1	\$21.75

Montana Household Distribution By Residential Service Monthly Cost

